

NIKHIL SHARMA

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Github/nikhilsharma Leetcode/NikhilSharma_LC GeeksforGeeks/nikhilsharmacsgeek

EXPERIENCE

Tata Consultancy Services, Hyderabad

December 2023 – Present

Systems Engineer (Digital Cadre) - Major Semiconductor Solutions Provider

- Enhanced frontend development using ReactJS, Bootstrap, Ant Design, and TanStack Table, ensuring a seamless user experience and improved system performance.
- Designed and implemented RESTful API methods in Flask, optimizing backend logic and enhancing application efficiency.
- Developed API endpoints and integrated functionalities such as a dynamic drawer with database connectivity, along with robust frontend and backend validations using Ant Design and Formik.
- Streamlined CRUD operations using Formik and Tanstack Table, ensuring efficient data management and state handling.
- Debugged and resolved performance bottlenecks, enhancing the overall speed and responsiveness of the platform.
- Achieved a 25% reduction in loading time by implementing Flask caching, DB connection threading, and session storage.
- Managed deployment cycles on RedHat OpenShift and handled version control using Bitbucket.
- Also performed Data Refresh Cycles using jupyter Notebook, Excel Automation using Python, updating Tableau Dashboards, etc
- Tech Used:** ReactJS, Javascript, jQuery, Flask, Oracle DB, MS SQL Server, Python, HTML, CSS, Bootstrap, Ant Design, Redhat Openshift, etc.

PROJECTS

ShopSwap - An Ecommerce Marketplace | [Project Link](#) | [Github Link](#)

January 2025

- Added User Login and Registration, along with the Selling and Buying Functionality of Listed Products
- It utilizes WTF Forms for user input, Bootstrap for UI design, and is deployed on PythonAnywhere.
- Tech Used:** Python Flask, Bootstrap, Flask WTF Forms, HTML, CSS, PythonAnywhere

BuddyBook - Basic CRUD Application for Storing Professional Contacts | [Project Link](#) | [Github Link](#)

January 2025

- Developed a simple Fullstack Web Application Which can Store and Organize Personal Contacts
- Used the CRUD Operations for Contact Management
- Tech Used:** ReactJS, ChakraUI, Python Flask, SQLite, HTML, CSS, JS, Render

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, SQL

Front-end Tech: React.js, ReduxToolkit, jQuery, Bootstrap, Tailwind, MaterialUI, Ant Design

Back-end Tech: Flask, RESTful APIs, Firebase

Databases: MySQL, MS SQL Server, Oracle DB

Core Subjects: Data Structures and Algorithms, Object Oriented Programming Concepts, Operating System, Computer Networks

Tools: Git, Github, Bitbucket, JIRA, Postman, VSCode, Vite, Redhat Openshift, JupyterNotebook, Tableau, GoogleCloudPlatform, Vercel, Render, Agile(Scrum, Kanban)

CERTIFICATIONS

- React Frontend Developer Certification | One Month Live Class Training by Edureka | [Certificate Link](#) | Dec 2024
- AWS Certified Cloud Practitioner | Foundational Cloud Certification by AWS (CLF-C02) | [Certificate Link](#) | Dec 2024

ACHIEVEMENTS

- Solved around 550+ DSA problems on Leetcode
- Secured 81th Rank in CodeChef Long Challenge Div.3 Oct 2021 Among 20K+ Participants.
- Earned 100+ Labs and 15+ Quests on Qwiklabs (GCP labs).

EDUCATION

University School of Information, Communication and Technology, GGSIPU

August 2019 – June 2023

Bachelor of Technology in Computer Science and Engineering – CGPA 8.8/10.0

Dwarka Sec 16C, Delhi

Rajikya Pratibha Vikas Vidyalaya

April 2018 – March 2019

Class XII CBSE Board – Percentage 86/100

Shalimar Bagh, Delhi